## WHAT IS CLAIMED IS:

1	1.	An isolated polynucleotide encoding a protein less than about 300	
2	amino acids comprising a sequence selected from the group consisting of:		
3	(a)	sequence provided in SEQ ID NO:9600;	
4	(b)	complements of the sequence provided in SEQ ID NO:9600;	
5	(c)	sequences having at least 90% identity to a sequence of SEQ ID	
6		NO:9600; and	
7	(d)	degenerate variants of a sequence provided in SEQ ID NO:9600.	
1	2.	An isolated polypeptide comprising an amino acid sequence selected	
2	from the group consisting of:		
3	(a)	sequences encoded by a polynucleotide of claim 1; and	
4	(b)	sequences having at least 90% identity to a sequence encoded by a	
5		polynucleotide of claim 1; and	
6	(c)	sequences provided in SEQ ID NO:9613-9617; and	
7	(d)	sequences provided in SEQ ID NO:9618-10437; and	
8	(e)	sequences provided in SEQ ID NO:10438-10458.	
1	3.	An expression vector comprising a polynucleotide of claim 1 operably	
2	linked to an expression control sequence.		
1	4.	A host cell transformed or transfected with an expression vector	
2	according to claim 3	•	
1	5.	An isolated antibody, or antigen-binding fragment thereof, that	
2	specifically binds to	a polypeptide of claim 2.	
1	6.	A method for detecting the presence of a cancer in a patient,	
2	comprising the steps of:		
3	(a)	obtaining a biological sample from the patient;	
4	(b)	contacting the biological sample with a binding agent that binds to a	
5		polypeptide of claim 2;	
6	(c)	detecting in the sample an amount of polypeptide that binds to the	
7		binding agent; and	
8	(d)	comparing the amount of polypeptide to a predetermined cut-off value	
9		and therefrom determining the presence of a cancer in the patient.	

1		7.	A fusion protein comprising at least one polypeptide according to
2	claim 2.		
1		8.	An oligonucleotide that hybridizes to nucleotides 1-630 of the
2	sequence recite	ed in SI	EQ ID NO:9600 under moderately stringent conditions.
		^	A method for stimulating and/or expanding T cells specific for a tumor
1		9. 	
2	protein, comprising contacting T cells with at least one component selected from the group		
3	consisting of:		1 vil vila de alaim 2.
4		(a)	polypeptides according to claim 2;
5		(b)	polynucleotides according to claim 1; and
6		(c)	antigen-presenting cells that express a polypeptide according to claim
7			1,
8	under conditions and for a time sufficient to permit the stimulation and/or expansion of T		
9	cells.		
1		10.	An isolated T cell population, comprising T cells prepared according to
2	the method of claim 9.		).
1		11.	A composition comprising a first component selected from the group
2	consisting of p	hysiolo	ogically acceptable carriers and immunostimulants, and a second
3	component sel	ected fi	rom the group consisting of:
4		(a)	polypeptides according to claim 2;
5		(b)	polynucleotides according to claim 1;
6		(c)	antibodies according to claim 5;
7		(d)	fusion proteins according to claim 7;
8		(e)	T cell populations according to claim 10; and
9	antigen presen	ting ce	lls that express a polypeptide according to claim 2.
1		12.	A method for stimulating an immune response in a patient, comprising
2	administering	to the p	patient a composition of claim 11.
1		13.	A method for the treatment of a cancer in a patient, comprising
2	administering		patient a composition of claim 11.
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1	14.	A method for determining the presence of a cancer in a patient,	
2	comprising the steps of:		
3	(a)	obtaining a biological sample from the patient;	
4	(b)	contacting the biological sample with an oligonucleotide according to	
5		claim 8;	
6	(c)	detecting in the sample an amount of a polynucleotide that hybridizes	
7		to the oligonucleotide; and	
8	(d)	comparing the amount of polynucleotide that hybridizes to the	
9		oligonucleotide to a predetermined cut-off value, and therefrom	
10		determining the presence of the cancer in the patient.	
1	15.	A diagnostic kit comprising at least one oligonucleotide according to	
2	claim 8.		
1	16.	A diagnostic kit comprising at least one antibody according to claim 5	
2	and a detection reagent, wherein the detection reagent comprises a reporter group.		
1	17.	A method for inhibiting the development of a cancer in a patient,	
2	comprising the steps of:		
3	(a)	incubating CD4+ and/or CD8+ T cells isolated from a patient with at	
4		least one component selected from the group consisting of: (i)	
5		polypeptides according to claim 2; (ii) polynucleotides according to	
6		claim 1; and (iii) antigen presenting cells that express a polypeptide of	
7		claim 2, such that T cell proliferate;	
8	(b)	administering to the patient an effective amount of the proliferated T	
9		cells,	
10			
1	18.	An isolated polynucleotide encoding a protein of less than 300 amino	
2	acids comprising a	sequence selected from the group consisting of:	
3	(a)	sequence provided in SEQ ID NO:9603;	
4	(b)	complements of the sequences provided in SEQ ID NO:9603;	
5	(c)	sequences having at least 90% identity to a sequence of SEQ ID	
6		NO:9603; and	
7	(d)	degenerate variants of a sequence provided in SEQ ID NO:9603.	

1	19.	An isolated polypeptide comprising an amino acid sequence selected	
2	from the group consisting of:		
3	(a)	sequences encoded by a polynucleotide of claim 18; and	
4	(b)	sequences having at least 90% identity to a sequence encoded by a	
5	•	polynucleotide of claim 18; and	
6	(c)	the sequence provided in SEQ ID NO:10466.	
1	20.	An expression vector comprising a polynucleotide of claim 18	
2	operably linked to ar	n expression control sequence.	
1	21.	A host cell transformed or transfected with an expression vector	
2	according to claim 2	0.	
1	22.	An isolated antibody, or antigen-binding fragment thereof, that	
2	specifically binds to	a polypeptide of claim 19.	
1	23.	A method for detecting the presence of a cancer in a patient,	
2	comprising the steps	of:	
3	(a)	obtaining a biological sample from the patient;	
4	(b)	contacting the biological sample with a binding agent that binds to a	
5		polypeptide of claim 19;	
6	(c)	detecting in the sample an amount of polypeptide that binds to the	
7		binding agent; and	
8	(d)	comparing the amount of polypeptide to a predetermined cut-off value	
9		and therefrom determining the presence of a cancer in the patient.	
1	24.	A fusion protein comprising at least one polypeptide according to	
2	claim 19.		
1	25.	A method for stimulating and/or expanding T cells specific for a tumor	
2	protein, comprising	contacting T cells with at least one component selected from the group	
3	consisting of:		
4	(a)	polypeptides according to claim 19;	
5	(b)	polynucleotides according to claim 18; and	
6	(c)	antigen-presenting cells that express a polypeptide encoded by a	

7		polynucleotide according to claim 18,	
8	under conditions and for a time sufficient to permit the stimulation and/or expansion of T		
9	cells.		
1	26.	An isolated T cell population, comprising T cells prepared according to	
2	the method of claim		
2	the method of claim	20.	
1	27.	A composition comprising a first component selected from the group	
2	consisting of physiologically acceptable carriers and immunostimulants, and a second		
3	component selected from the group consisting of:		
4	(a)	polypeptides according to claim 19;	
5	(b)	polynucleotides according to claim 18;	
6	(c)	antibodies according to claim 22;	
7	(d)	fusion proteins according to claim 24;	
8	(e)	T cell populations according to claim 27; and	
9	antigen presenting cells that express a polypeptide according to claim 19.		
1	28.	A method for stimulating an immune response in a patient, comprising	
2		patient a composition of claim 28.	
1	29.	A method for the treatment of a cancer in a patient, comprising	
2		patient a composition of claim 28.	
۷	administering to the	patient a composition of crasses — c	
1	30.	A diagnostic kit comprising at least one oligonucleotide according to	
2	claim 25.		
1	31.	A diagnostic kit comprising at least one antibody according to claim 22	
2	and a detection reagent, wherein the detection reagent comprises a reporter group.		
1	32.	A method for inhibiting the development of a cancer in a patient,	
2	comprising the steps	s of:	
3	(a)	incubating CD4+ and/or CD8+ T cells isolated from a patient with at	
4	( )	least one component selected from the group consisting of: (i)	
5		polypeptides according to claim 19; (ii) polynucleotides according to	
6		claim 18; and (iii) antigen presenting cells that express a polypeptide	
7		of claim 19, such that T cell proliferate;	

- (b) administering to the patient an effective amount of the proliferated T cells,
- and thereby inhibiting the development of a cancer in the patient.

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